

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2005/000357A. CLASSIFICATION OF SUBJECT MATTER
C01G31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C01G HO1M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	J. XIE, J. LI, H. ZHAN, Y. ZHOU: "Low-Temperature Sol-Gel Synthesis of Li1.2V3O8 from V2O5 Gel" MATERIALS LETTERS, vol. 57, 2003, pages 2682-2687, XP002306017 cited in the application paragraph 'EXPERIMENTAL!; figure 2b	1-18
Y	B. ALONSO, J. LIVAGE: "Synthesis of Vanadium Oxide Gels from Peroxovanadic Acid solutions : A51-V NMR Study" J. SOLID STATE CHEM., vol. 148, 1999, pages 16-19, XP002359453 the whole document ----- -/--	1-18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

16 December 2005

Date of mailing of the international search report

29/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Siebel, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	C.J. FONTENOT, J.W. WIENCH, M. PRUSKI, G.L. SCHRADER: "Vanadia Gel Synthesis via Peroxovanadate Precursors. 1. In Situ laser Raman and 51-V NMR Characterization of the Gelation Process" J. PHYS. CHEM. B, vol. 104, 2000, pages 11622-11631, XP002359454 the whole document	1-18
X	PISTOIA G ET AL: "LI/LI1+XV308 SECONDARY BATTERIES" JOURNAL OF THE ELECTROCHEMICAL SOCIETY, ELECTROCHEMICAL SOCIETY. MANCHESTER, NEW HAMPSHIRE, US, vol. 137, no. 8, 1 August 1990 (1990-08-01), pages 2365-2370, XP000231200 ISSN: 0013-4651 cited in the application the whole document	11-18
A		1-10
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2004 010445 A (NATIONAL INSTITUTE FOR MATERIALS SCIENCE), 15 January 2004 (2004-01-15) abstract; claims 1,2,5,6	1-18
A	EP 0 397 608 A (CONSIGLIO NAZIONALE RICERCHE) 14 November 1990 (1990-11-14) column 4, line 35 - line 40	1-18
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 506 (C-1252), 22 September 1994 (1994-09-22) & JP 06 171947 A (MITSUI TOATSU CHEM INC), 21 June 1994 (1994-06-21) abstract	1-18
P,A	WO 2004/024631 A (LE MOUELLIC CHRISTIAN ; POINTU LIONEL (FR); FLACHER PIERRE (FR); HARAB) 25 March 2004 (2004-03-25) claim 1; figure 2b	1-18

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International Application No

PCT/FR2005/000357

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2004010445	A	15-01-2004	NONE	
EP 0397608	A	14-11-1990	AT 108950 T	15-08-1994
			CA 2014438 A1	12-10-1990
			DE 69010763 D1	25-08-1994
			DE 69010763 T2	09-03-1995
			ES 2060999 T3	01-12-1994
			US 5039582 A	13-08-1991
JP 06171947	A	21-06-1994	NONE	
WO 2004024631	A	25-03-2004	AU 2003278295 A1	30-04-2004
			CA 2495702 A1	25-03-2004
			CN 1681739 A	12-10-2005
			EP 1537049 A1	08-06-2005
			FR 2844508 A1	19-03-2004